	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	201	(((frequency or frequencies) NEAR5 (writ$3 or record$3)) same zone same (medium or media or disk or disc) same (head or transducer)) and (disk or disc)	USPAT	2004/06/02 17:30
2	BRS	L2	31	(((frequency or frequencies) NEAR5 (writ$3 or record$3)) same zone same (medium or media or disk or disc) same (head or transducer)) and (disk or disc)	US-PGPUB	2004/06/02 17:36
3	BRS	L3	4	(((frequency or frequencies) NEAR5 (writ$3 or record$3)) same zone same (medium or media or disk or disc) same (head or transducer)) and (disk or disc)	EPO	2004/06/02 17:36
4	BRS	L4	14	(((frequency or frequencies) NEAR5 (writ$3 or record$3)) same zone same (medium or media or disk or disc) same (head or transducer)) and (disk or disc)	JPO	2004/06/02 17:38
5	BRS	L5	17	(((frequency or frequencies) NEAR5 (writ$3 or record$3)) same zone same (medium or media or disk or disc) same (head or transducer)) and (disk or disc)	DERWENT	2004/06/02 17:40
6	BRS	L6	5	(((frequency or frequencies) NEAR5 (writ$3 or record$3)) same zone same (medium or media or disk or disc) same (head or transducer)) and (disk or disc)	IBM_TDB	2004/06/02 17:40

Searched all

◆**IEEE**

Membership   Publications/Services   Standards   Conferences   Careers/Jobs

IEEE Xplore® RELEASE 1.7

Welcome
United States Patent and Trademark Office
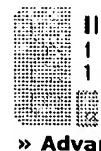
» **Advan**

Help   FAQ   Terms   IEEE Peer Review | **Quick Links** ▾ |

Welcome to IEEE Xplore®

◯ Home
◯ What Can
   I Access?
◯ Log-out

Tables of Contents

◯ Journals
   & Magazines
◯ Conference
   Proceedings
◯ Standards

Search

◯ By Author
◯ Basic
◯ Advanced

Member Services

◯ Join IEEE
◯ Establish IEEE
   Web Account
◯ Access the
   IEEE Member
   Digital Library

| **Try our New Full-text Search Prototype** | **GO** | Help

1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging
plus any stem variations)
2) Limit your search by using search operators and field codes,
if desired.
Example: optical <and> (fiber <or> fibre) <in> ti
3) Limit the results by selecting Search Options.
4) Click Search. See Search Examples

```
((write frequency) <or>
(write frequencies)) <and>
(disk <or> disc)
```

| Start Search | | Clear |

Note: This function returns plural and suffixed forms of the
keyword(s).

Search operators: <and> <or> <not> <in> More

Field codes: au (author), ti (title), ab (abstract), jn (publication
name), de (index term) More

Search Options:
Select publication types:
☑ IEEE Journals
☑ IEE Journals
☑ IEEE Conference proceedings
☑ IEE Conference proceedings
☑ IEEE Standards

Select years to search:

From year: | All ▾ | to | Present |

Organize search results by:

Sort by: | Relevance ▾ |
In: | Descending ▾ | order

List | 15 ▾ | Results per page

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account |
New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online
Publications | Help | FAQ| Terms | Back to Top

Google Advanced Search

Find results	with **all** of the words	zone .	10 results ▼
	with the **exact phrase**	write frequency	Google Search
	with **at least one** of the words	disk disc	
	without the words		
Language	Return pages written in	any language ▼	
File Format	Only ▼ return results of the file format	any format ▼	
Date	Return web pages updated in the	anytime ▼	
Numeric Range	Return web pages containing numbers between [ ] and [ ]		
Occurrences	Return results where my terms occur	anywhere in the page ▼	
Domain	Only ▼ return results from the site or domain [ ] *e.g. google.com, .org More info*		
SafeSearch	◉ No filtering ○ Filter using SafeSearch		

Froogle Product Search (BETA)

Products   Find products for sale

[   ] Search

To browse for products, start at the Froogle home page

Page-Specific Search

Similar   Find pages similar to the page

[   ] Search

e.g. www.google.com/help.html

Links   Find pages that link to the page

[   ] Search

Topic-Specific Searches

New! Local - Find local businesses and services on the web.
Catalogs - Search and browse mail-order catalogs online

.

Apple Macintosh - Search for all things Mac
BSD Unix - Search web pages about the BSD operating system
Linux - Search all penguin-friendly pages
Microsoft - Search Microsoft-related pages

.

U.S. Government - Search all .gov and .mil sites
Universities: Stanford, Brown, BYU, & more - Narrow your search to a specific school's website